



Genesis Multi Candela Notification Appliances

HARDWARE OVERVIEW



Expanded Product Line

- ***Wall Mount***

- Horns
- Strobes
- Horn / Strobes
- Speaker & Speaker / Strobes



- ***Ceiling Mount***

- Strobe
- Horn / Strobe
- Speaker
- Speaker / Strobe





Expanded Features

- **Multi Candela**
 - Wall 15, 30, 75, 110 cd
 - Ceiling 15, 30, 75, 95 cd
 - Future Ceiling 95, 115, 150, 177 cd
- **Switch Site Selections for**
 - Candela
 - dB or watts
 - Temporal or Steady Horn
 - Public or Private mode flash rate
- **Benefits lowering costs**
 - Fewer Parts to Stock
 - Easy Site Adjustments



**No Need to Remove Device
To Change Taps**

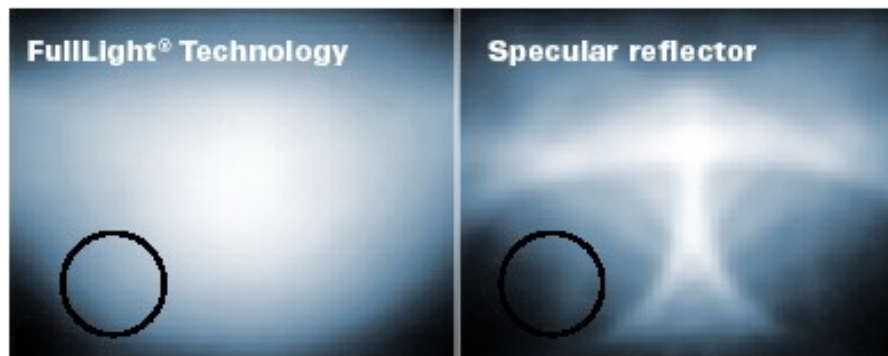
Genesis Horns

- ***Great Appearance***
 - Unique Low Profile - less than 1"
 - No visible screws
- ***Site Configurable***
 - 15, 30, 75, 110 cd
 - Temporal (default) or steady
 - High Low dBA (84.4 & 79.4 temporal)
 - ADA or temporal flash rate
- ***Easy Install***
 - Fits standard one gang box
 - Trim plate for larger boxes (re)
 - Captive hardware
 - #18 - #12 AWG terminals



Horn Strobe Performance

- ***FullLight® Technology (exclusive)***
 - Important to NFPA reflection doctrine



- ***Multiple frequency tone (wall penetration)***
- ***Independent Horn Control, Single Pair***
- ***Low Current Draw***
 - Compare carefully (Vrms)
 - UL nameplate Amps @ 16Vrms



Voltage & Currents

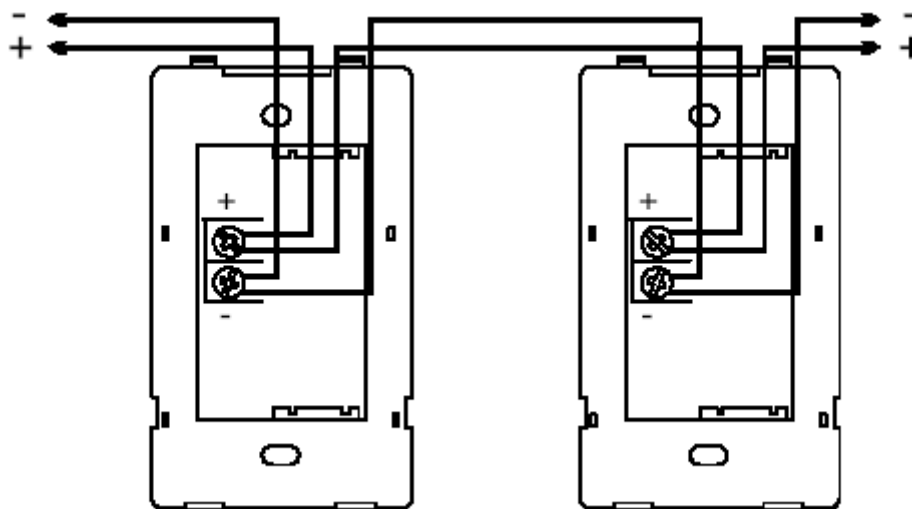
- *Voltage 16 to 33 Vrms or* Currents shown at 24Vrms

CD →	15	30	75	110
Strobe	59	82	152	191
Horn Strobe High dB	81	94	161	203
Horn Strobe Low dB	68	88	156	197

Installation Wiring

Two Wires for Horn & Strobe

**From
Ctrl
Panel**



**To EOL
or return
to Panel
(Class 'A')**

Installation Hardware

- ***Single Gang 2-1/2" deep***
- ***Use EST #27193 for surface***
- ***Using G1(R)T Trim Assemblies***
 - Standard 4" sq, 1-1/2"
 - Two Gang, 1-1/2"
 - Octagon, 4", 1-1/2"



Strobe Synchronization

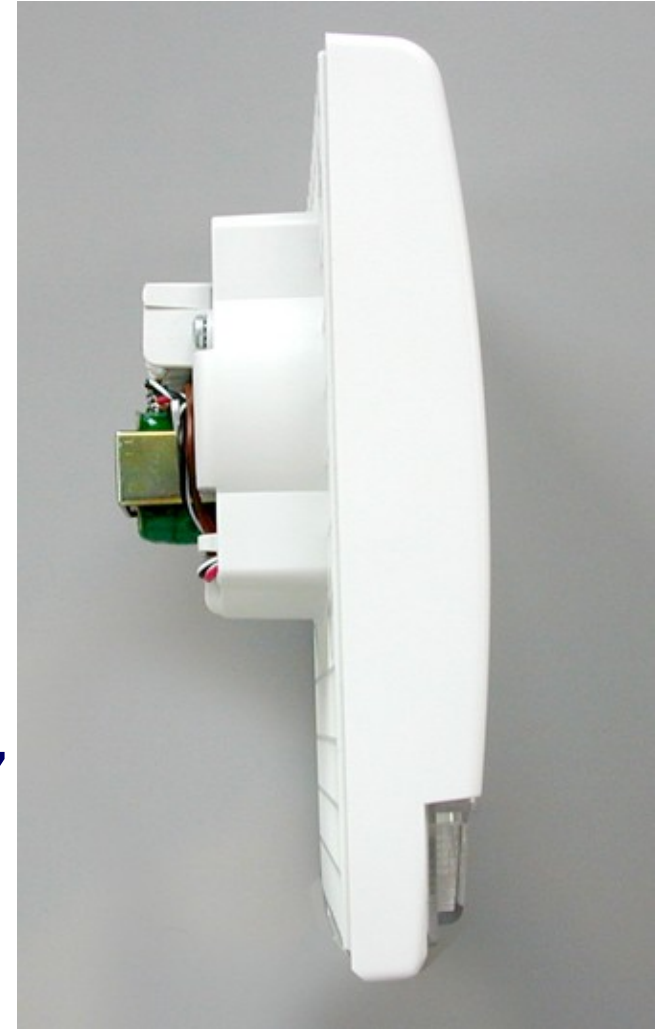
- *Within 10 ms indefinitely*
- **G1M**
- **G1M-RM**
- **SIGA-(M)CC1S (same loop)**
- **Fire Shield**
- **Future BPS**





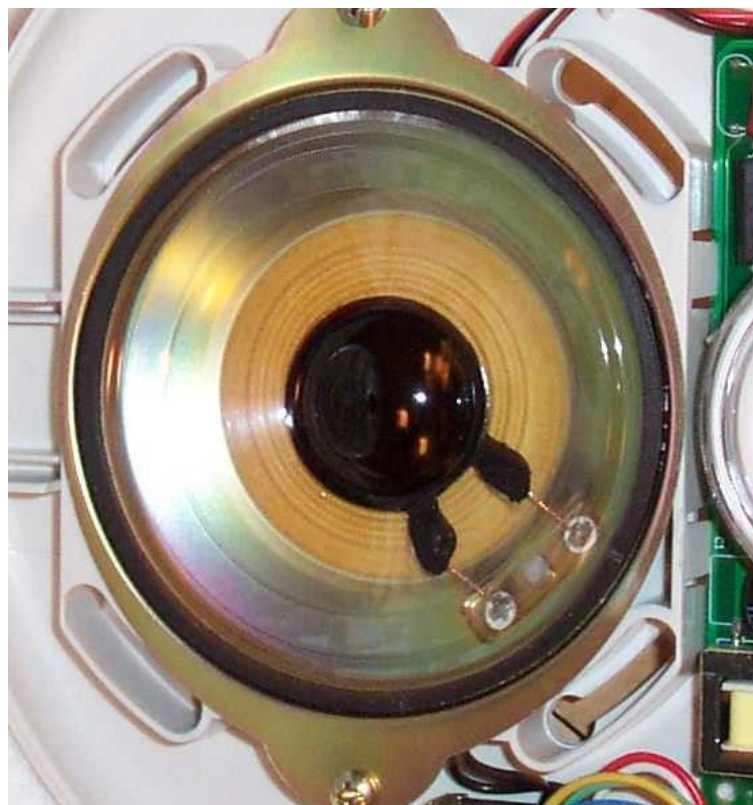
Genesis Wall Mount Speakers

- ***Great Appearance***
 - Unique Low Profile - a mere 1"
 - No visible screws
- ***Site **Switch** Configurable***
 - 15, 30, 75, 110 cd
 - 1/4, 1/2, 1, 2 watt
 - 81, 84, 87, 90 dBA
 - 25Vrms or 70Vrms models
 - ADA or temporal flash rate
- ***Easy Install***
 - Fits standard 4" box - 2-1/8"
 - No extension ring
 - #18 - #12 AWG terminals



Genesis & Integrity Speaker Cones

- **Mylar Cones**
 - Resists Moisture & Physical Damage
 - Provide Longer Life with slow degradation

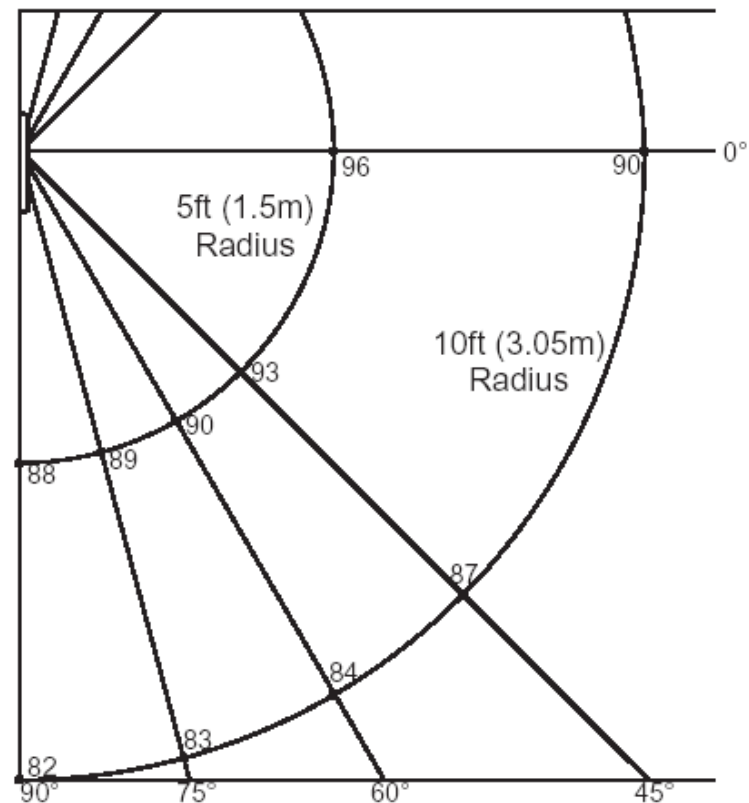




Speaker Strobe Performance

- *FullLight Technology (exclusive)*
 - Important to NFPA reflection doctrine

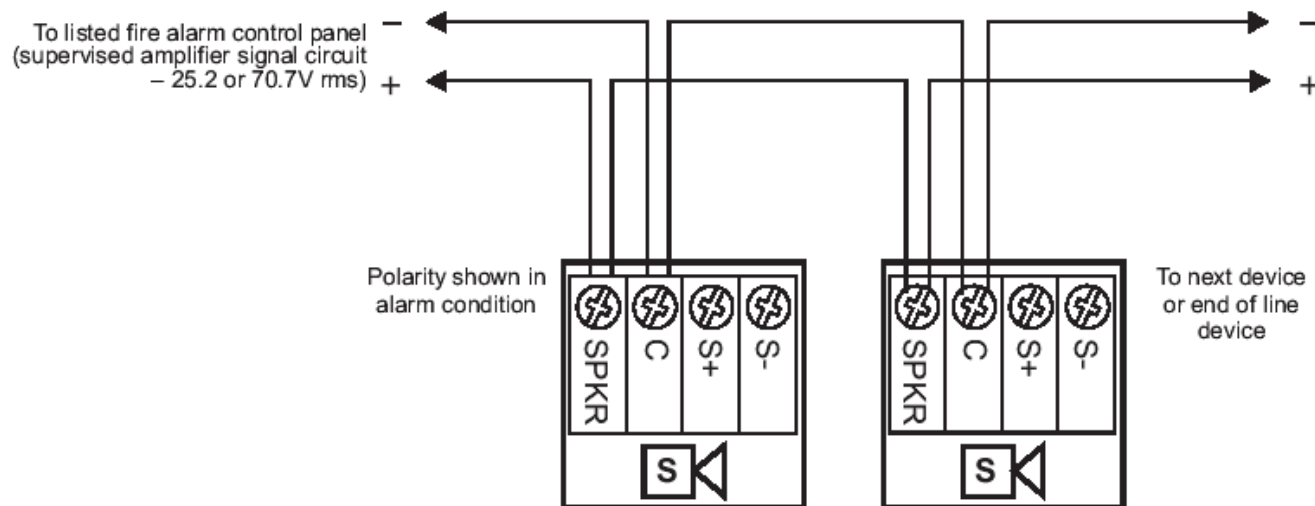
Typical Sound Output
Distribution dBA
Measured in anechoic chamber



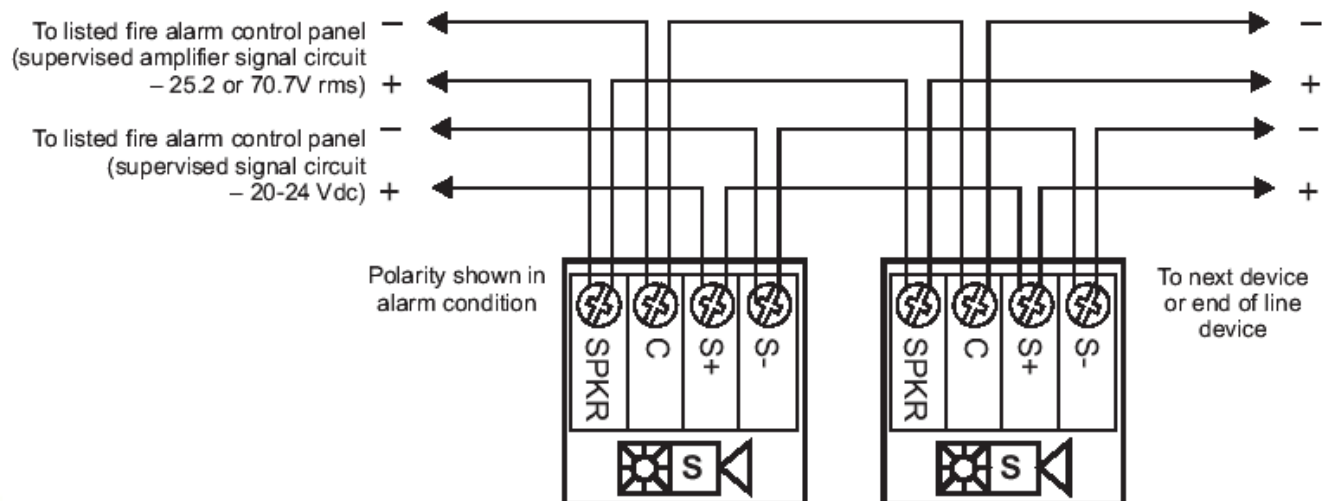
- *Low Current Draw*
 - Compare carefully (Vrms)
 - UL nameplate Amps @ 16Vrms

Installation Wiring

Speaker-only Wiring



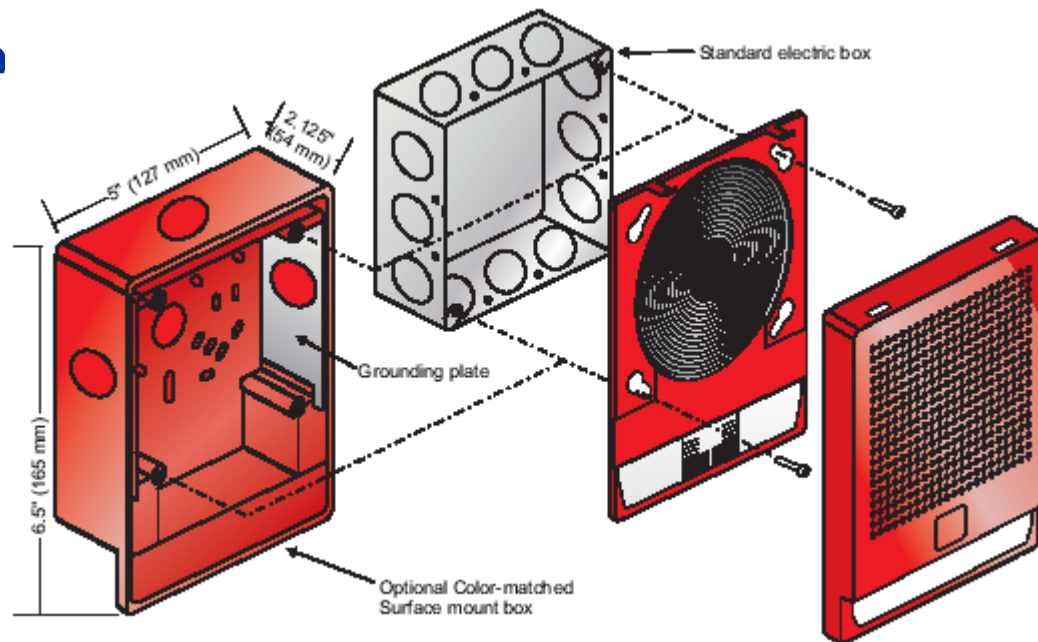
Speaker-Strobe Wiring



Installation Hardware

- *4" Square 2-1/8" deep*
- *Use*

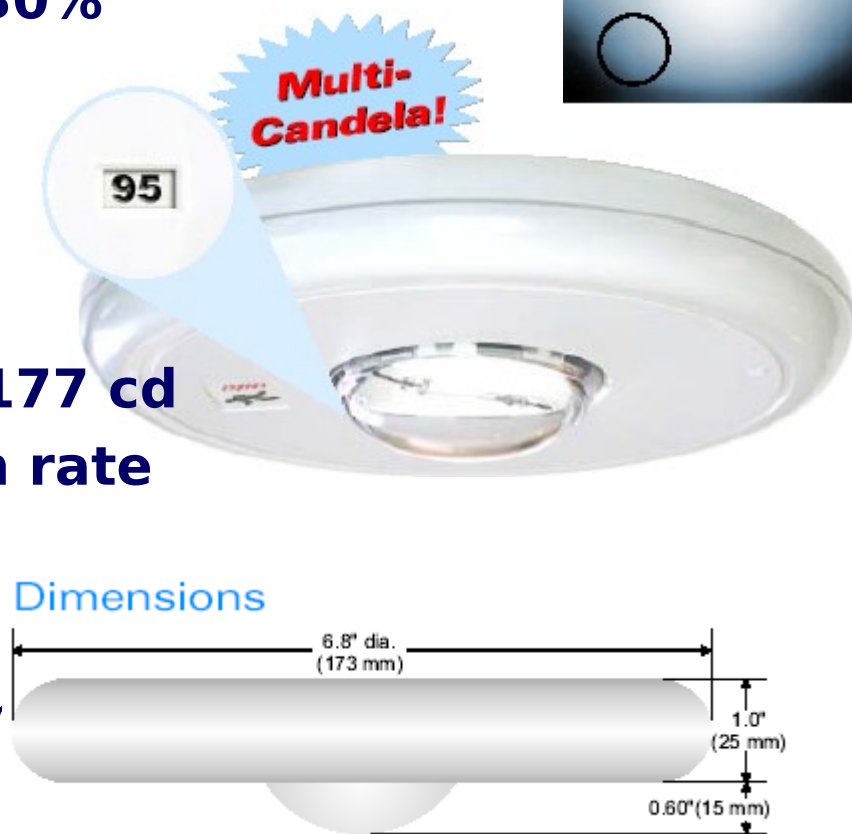
ice





Genesis Ceiling Strobe

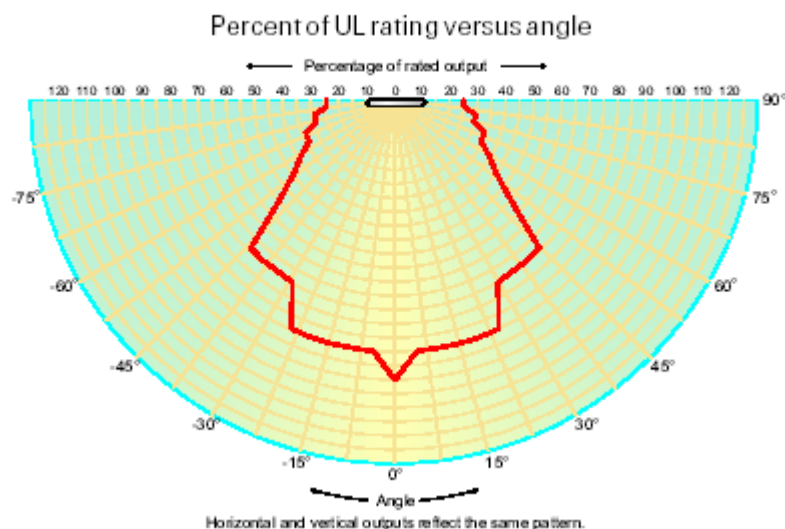
- ***Great Appearance***
 - Unique Low Profile - 30% Slimmer
 - No visible screws
- ***Site Configurable***
 - 15, 30, 75, 95 cd
 - **Future** 95, 115, 150, 177 cd
 - ADA or temporal flash rate
- ***Easy Install***
 - Fits standard 4" box
 - #10 #12 AWG termin



Horn Strobe Performance

- ***FullLight Technology (exclusive)***

Light output (effective cd)



- ***Multiple frequency tone (wall penetration)***
- ***Independent Horn Control, Single Pair***
- ***Low Current Draw***

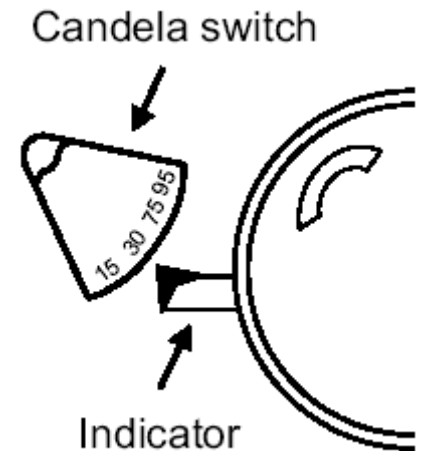
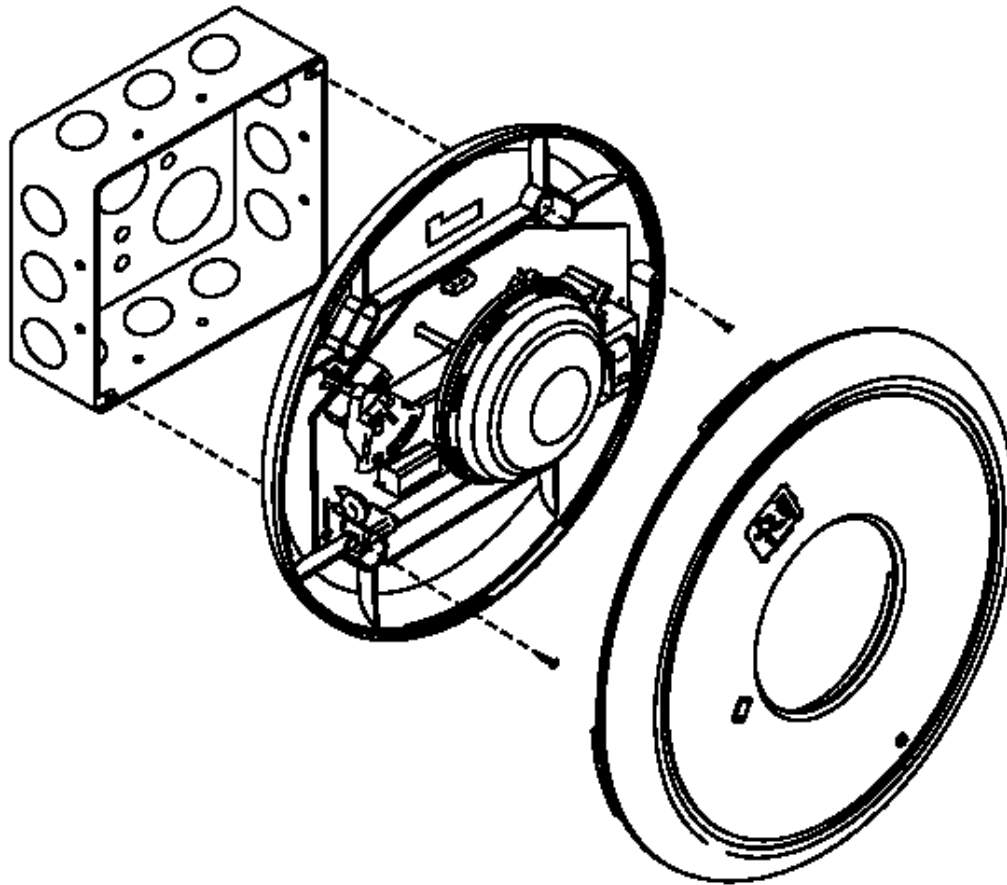


Voltage & Currents

- *Voltage 16 to 33 Vrms or 1* Currents shown at 24Vrms

CD □	15	30	75	110
Strobe	63	90	168	194
Horn Strobe High dB				
Horn Strobe Low dB				

Installation Hardware



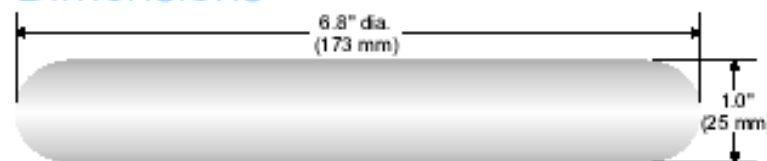


Genesis Ceiling Speaker

- ***Great Appearance***
 - Unique Low Profile - 30% Slimmer
 - No visible screws
- ***Site Configurable***
 - 1/4, 1/2, 1, 2 watt
 - 80.7, 83.7, 87.1, 90.1 dBA
- **25Vrms or 70Vrms models**
- ***Easy Install***
 - Fits standard 4" box
 - Low box intrusion
 - #12 AWG terminals



Dimensions





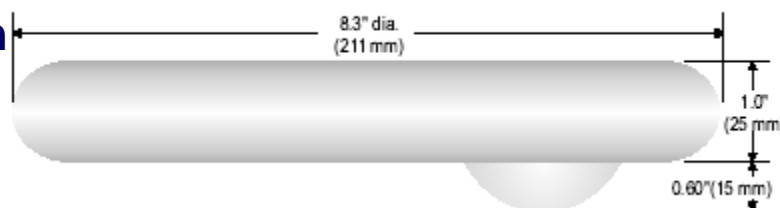
Genesis Ceiling Speaker Strobe

- **Great Appearance**
 - Unique Low Profile - a mere 1.6"
 - No visible screws
- **Site *Switch* Configurable**
 - 15, 30, 75, 95 cd
 - **Future** 95, 115, 150, 177 cd
 - 1/4, 1/2, 1, 2 watt
 - 80.7, 83.7, 87.1, 90.1 dBA
 - 25Vrms or 70Vrms models
 - ADA or temporal flash rate
- **Easy Install**
 - Fits standard 4" box - 2-1/8"
 - No extension ring
 - #18 - #12 AWG termina



One or more patents pending.

Dimensions



Offset Strobe



- **Adds 3 dB**
- **Which means**
 - **Half the watts for the same dB at the occupant's ear**
- **Which means REDUCED**
 - **Amplifiers**
 - **Power Supply**
 - **Battery**



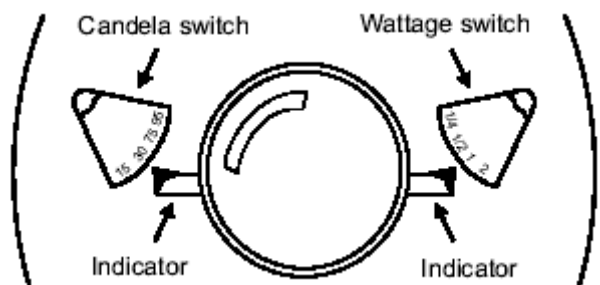
Sound Level Output

Sound Level Output

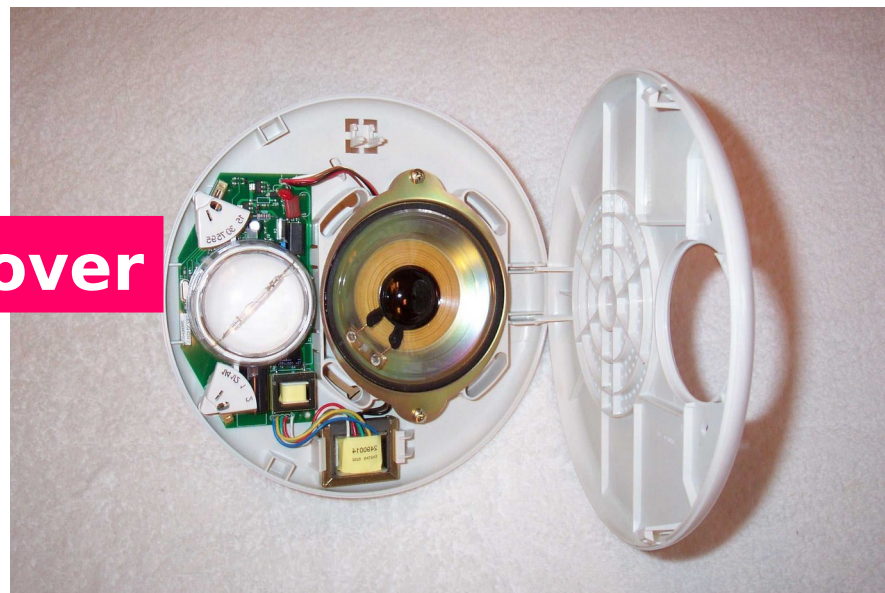
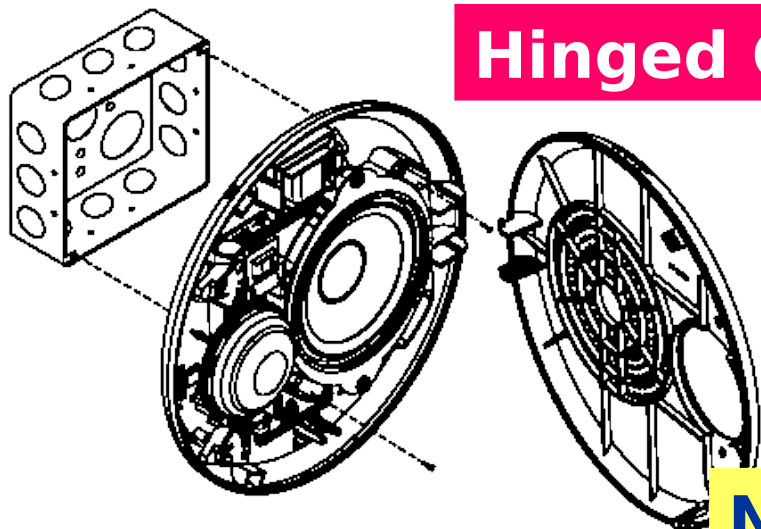
Wattage	25V		70V	
	UL Rated*	Typical	UL Rated*	Typical
1/4 W	78 dBA	80.7 dBA	81 dBA	81.1 dBA
1/2 W	81 dBA	83.7 dBA	81 dBA	83.5 dBA
1 W	87 dBA	87.1 dBA	87 dBA	87.2 dBA
2 W (UL)	90 dBA	90.1 dBA	90 dBA	90.2 dBA

Installation Hardware

- *4" Square 2-1/8" deep*



Hinged Cover

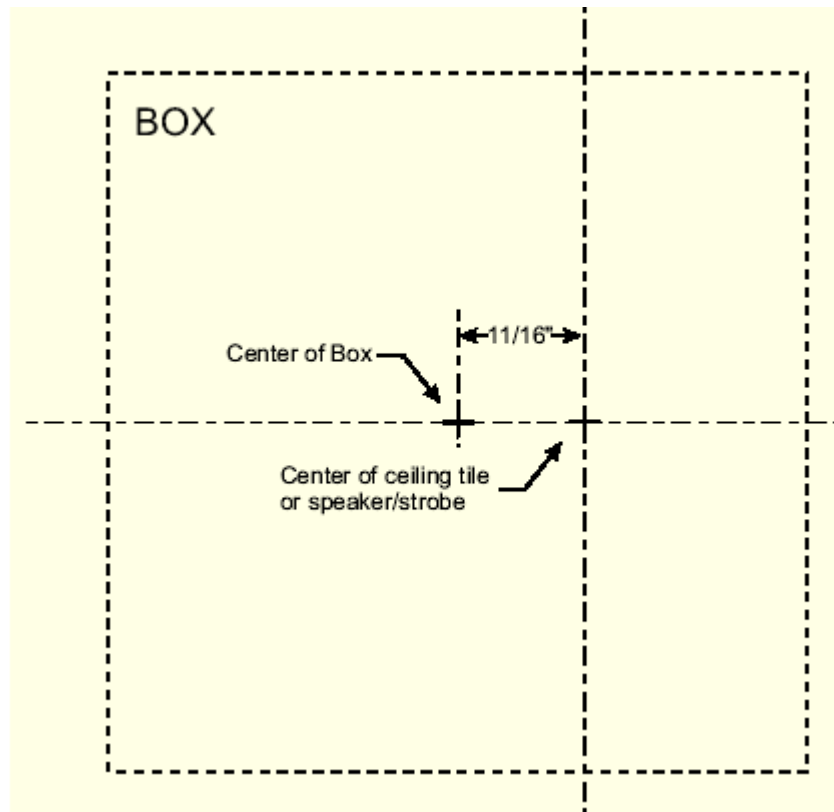


**No Need to remove device to
change cd or watt setting
- no changing terminal wiring**

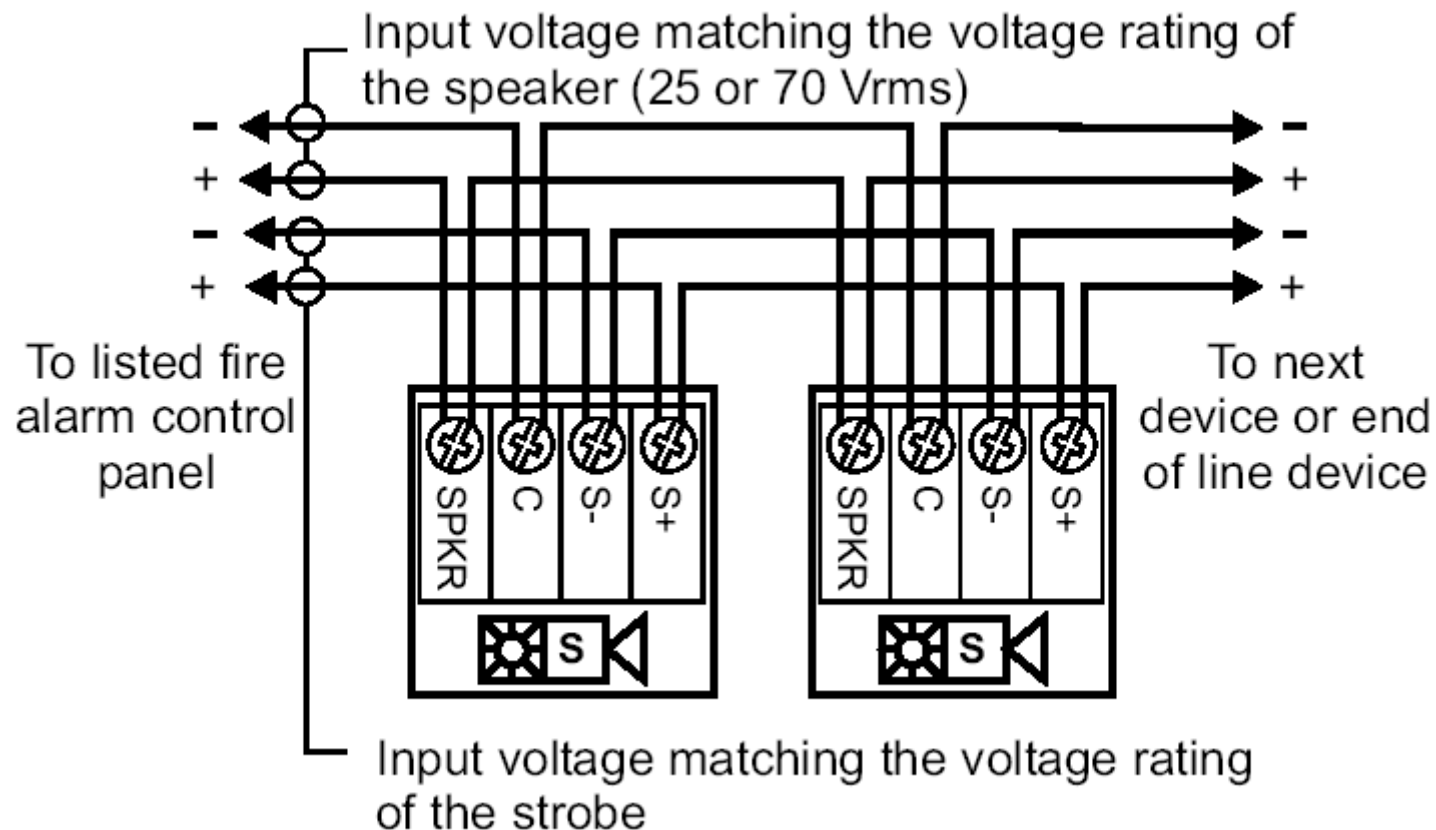
Offset Mounting for S/S

Caution:

When installed, these devices are not centered on the electrical box. Make sure boxes are mounted to compensate for this difference. Use the mounting template provided with installation sheet 3100614, available online at *myEST*.



Installation Wiring



Genesis



75

**Selectable 15, 30, 75,
or 110 cd strobe!**

**Selectable
High or low dB
horn!**



Thank You!

